IN THE CLAIMS

Please cancel Claim 21 without prejudice or disclaimer of subject matter.

Please amend Claims 19, 20, 22 and 24-28, and add Claim 30, to read as follows.

1-18. (Cancelled)

19. (Currently Amended) A liquid discharge head according to claim 30, ~~comprising:~~

~~a plurality of discharge ports for discharging liquid;~~

~~a plurality of liquid flow paths communicated with each of said discharge ports to supply liquid to each of said discharge ports;~~

~~a substrate provided with heat generating members for creating a bubble in the liquid;~~

~~a movable member arranged in each of said plural liquid flow paths, the movable member having a free end on said discharge port side to face said heat generating member; and~~

~~a pedestal portion formed on said substrate for supporting said movable member;~~

wherein said movable member ~~having~~ has a property of being curved by heat~~; and a portion corresponding to a movable range being separated by heating from said substrate~~.

20. (Currently Amended) A liquid discharge head according to claim 30, ~~comprising:~~

~~a plurality of discharge ports for discharging liquid;~~

~~a plurality of liquid flow paths communicated with each of said discharge ports to supply liquid to each of said discharge ports;~~

~~a substrate provided with heat generating members for creating a bubble in the liquid;~~

~~a movable member arranged in each of said plural liquid flow paths and having a free end on said discharge port side to face said heat generating member; and~~

~~a pedestal portion formed on said substrate for supporting said movable member;~~

wherein a portion of said movable member corresponding to a movable range ~~being~~ of said movable member is separated from said substrate by means of an inner stress of said movable member and a function of a releasable layer formed on said substrate.

21. (Canceled)

22. (Currently Amended) A liquid discharge head having a substrate according to Claim 25, comprising:

a discharge port for discharging liquid; and

a liquid flow path ~~communicated~~ communicating with said discharge port to supply the liquid to said discharge ~~port;~~ port,

wherein said movable member is arranged in said liquid flow path, ~~the~~ said movable member having a free end on ~~said~~ a discharge port side to face said heat generating member, and said free end being positioned downstream of ~~the~~ an area center of said heat generating member.

23. (Original) A liquid discharge head according to Claim 22, wherein said movable member is formed by silicon nitride with impurities being added thereto.

24. (Currently Amended) A liquid discharge head according to claim 25, ~~comprising:~~

~~a discharge port for discharging liquid;~~

~~a liquid flow path communicated with said discharge port to supply liquid to said discharge port;~~

~~a substrate provided with a heat generating member for creating a bubble in the liquid; and~~

~~a movable member arranged on said substrate in said liquid flow path, the movable member having a free end on said discharge port side to face said heat generating member, and said free end being positioned downstream of the area center of said heat generating member,~~

wherein said movable member is formed by a silicon nitride multi-layered film with the ~~compositions~~ composition thereof being changed or impurities being added thereto.

25. (Currently Amended) A substrate for use in a liquid discharge head, said substrate being provided with a heat generating member for creating a bubble in the liquid, and a cantilever type movable member arranged to face said heat generating member with a specific gap therebetween,

wherein said movable member ~~being~~ is fixed to said substrate and is formed from ~~either~~ a material comprising any one of silicon nitride, diamond, amorphous carbon hydride, silicon carbide, and silicon oxide, ~~and being fixed to said substrate~~ and

wherein said movable member is provided with a portion integrated with said substrate and fixed on said substrate by laminating said material from which said movable member is formed, a curved portion curving with respect to said substrate, and a movable portion separated from said substrate at a tip of said curved portion.

26. (Currently Amended) A substrate for use in a liquid discharge head according to Claim 25, wherein said movable member is formed by silicon nitride ~~having~~ with impurities being added thereto.

27. (Currently Amended) A substrate for use in a liquid discharge head, said substrate being provided with a heat generating member for creating a bubble in the liquid, and a cantilever type movable member arranged to face said heat generating member with a specific gap therebetween, said movable member being fixed to said substrate and being formed by a silicon nitride multi-layered film with the ~~compositions~~ composition thereof being changed or impurities being added thereto.

28. (Currently Amended) A method for manufacturing a substrate for use in a liquid discharge head, comprising the steps of providing the substrate with a heat generating member for generating a bubble in the liquid, and with a cantilever type movable member arranged to face said heat generating member with a predetermined gap therebetween,

wherein said movable member is provided on said substrate by a photolithographic method,

and wherein said movable member is provided with a portion integrated with said substrate and fixed on said substrate by laminating a material from which said movable member is formed, a curved portion curving with respect to said substrate, and a movable portion separated from said substrate at a tip of said curved portion.

29. (Previously Presented) A method for manufacturing a substrate for use in a liquid discharge head according to Claim 28, wherein the movable member is formed by

any one of silicon nitride, diamond, amorphous carbon hydride, silicon carbide, or silicon oxide.

30. (New) A liquid discharge head, comprising:

a plurality of discharge ports for discharging liquid;

a plurality of liquid flow paths respectively communicating with said discharge ports to supply liquid to said discharge ports;

a substrate provided with heat generating members for creating a bubble in the liquid;

movable members arranged in said plural liquid flow paths, respectively, said movable members each having a free end on a discharge port side to face a respective one of said heat generating members; and

a pedestal portion formed on said substrate for supporting said movable members,

wherein each of said movable members is formed by laminating a material on said substrate and delaminating the material from said substrate, a thermal expansion coefficient of a portion of the laminated material facing said substrate being higher than that of another portion of the laminated material.